

# ERL I/O Expansion IED

## Order Template

In order to specify and order the ERL I/O Expansion IED properly configured for the application, a part number must be constructed as indicated below. The ERL I/O Expansion IED has two LAN networks with separate MAC and IP addresses on ports 401 and 402 as well as 5 additional ports which may be configured to connect to either port 401 or 402 at the time of order.

### ERL I/O

a – Communications option for LAN Ports 401 and 402:

- 0: Cu – Op: 401 = Cu, 402 = Op
- 1: Op – Op: 401 = Op, 402 = Op
- 2: Cu-Cu => 401 = Cu, 402 = Cu

Cu= Copper, 100BASE-T, RJ45 connector

Op= Optical 100BASE-FX, multimode, 1300 nm, ST style connector

b - Ethernet Switch Configuration:

- 0: Network 1 = port 401; Network 2 = ports 402, 424, 425, 426, 427 and 428
- 1: Network 1 = ports 401, 427 and 428; Network 2 = ports 402, 424, 425 and 426

Ports 424-428 are 100BASE-T, RJ45 connector

cc - Operating Frequency:

- 50: 50 Hertz
- 60: 60 Hertz

a - b - cc

### Example:

ERL I/O-1 – 1 – 60: This part number specifies An ERL I/O Expansion IED with both 401 and 402 LAN ports to be used for optical communications, ports 401, 427,428 on network 1 and ports 402, 424,425,426 on network 2, suitable for operation on 60 Hertz system.

### Manuals:

In our ongoing efforts to run our business in an environmentally sensitive way, we supply CD manuals with all our products. If you do wish to purchase a hard copy manual, you may order that separately.

<Part # 114307>      ERL Digital I/O Expansion User Manual

### Note:

The ERL I/O comes standard in a 4U horizontal mounting chassis. The software CD has the latest firmware version and a soft copy of the user manual. The unit Inoperative is set as Normally Closed and user configurable outputs are set as Normally Open. Please enquire regarding any specific non standard requirements.